

Figure 1

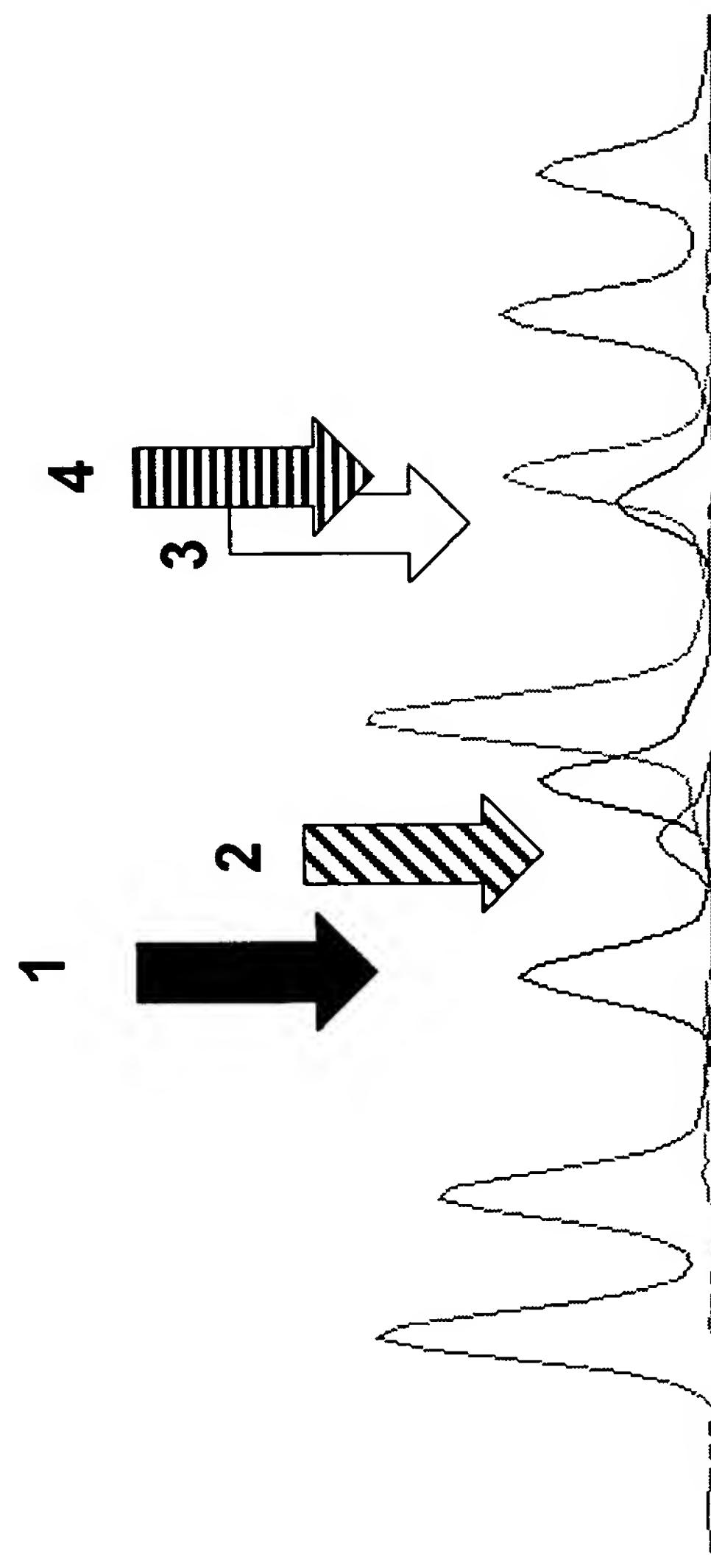


Figure 2

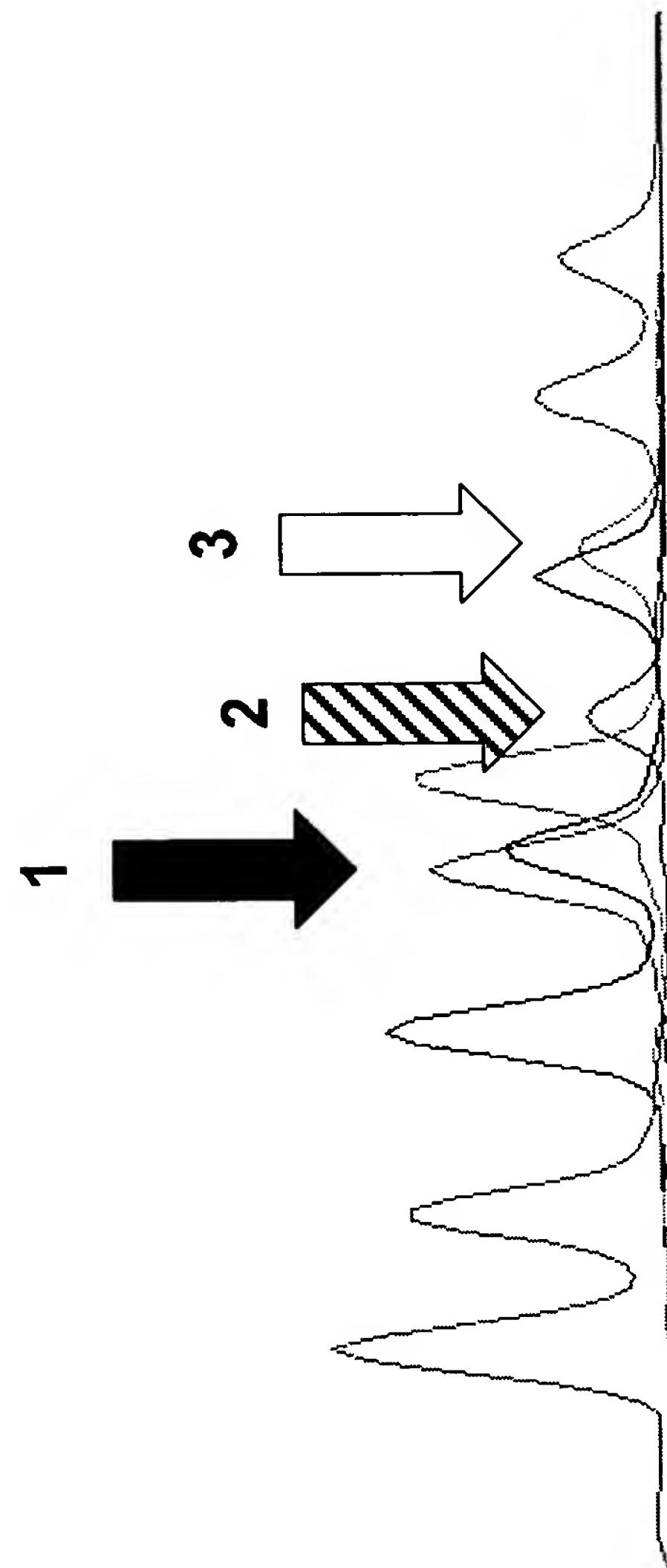


Figure 3

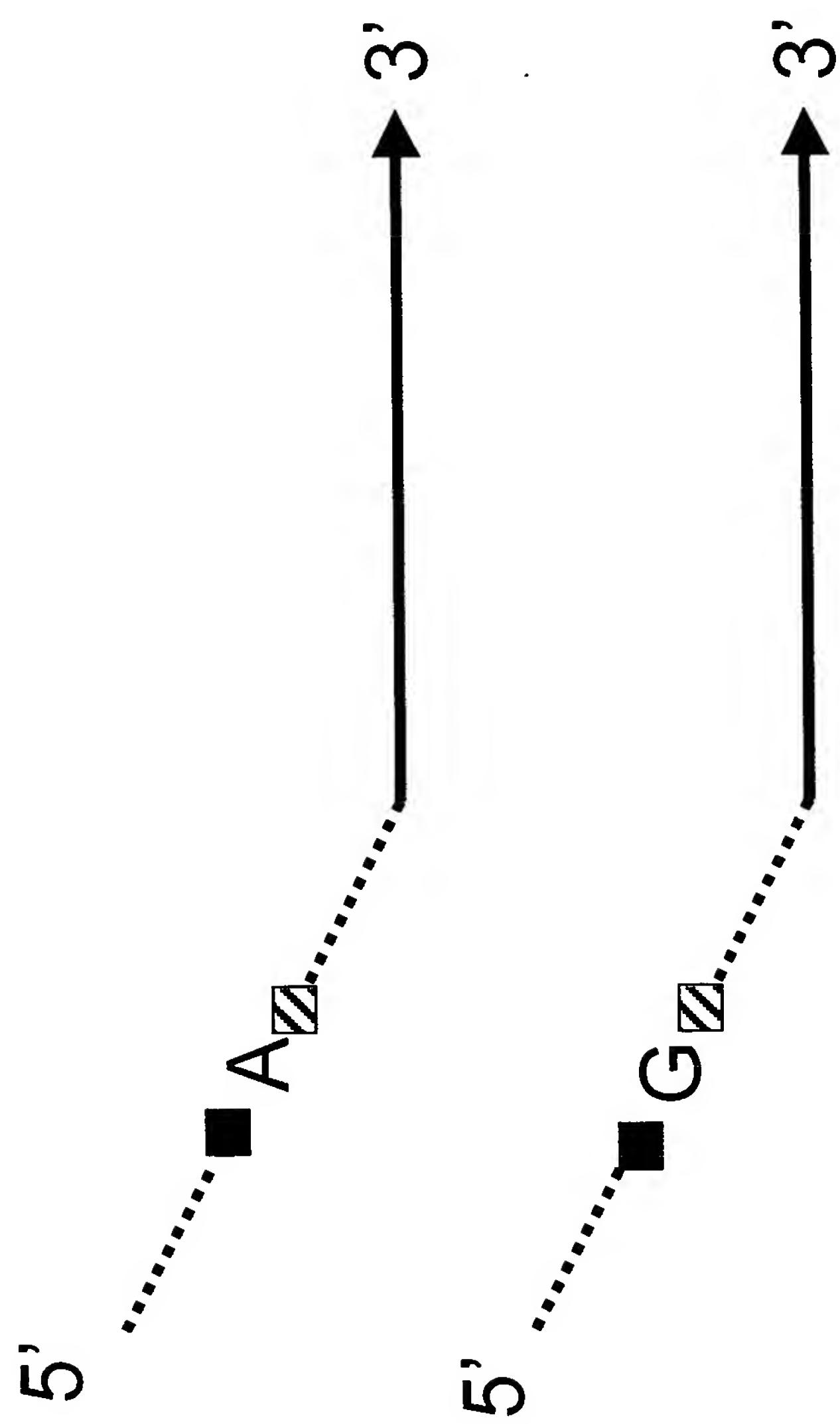


Figure 4

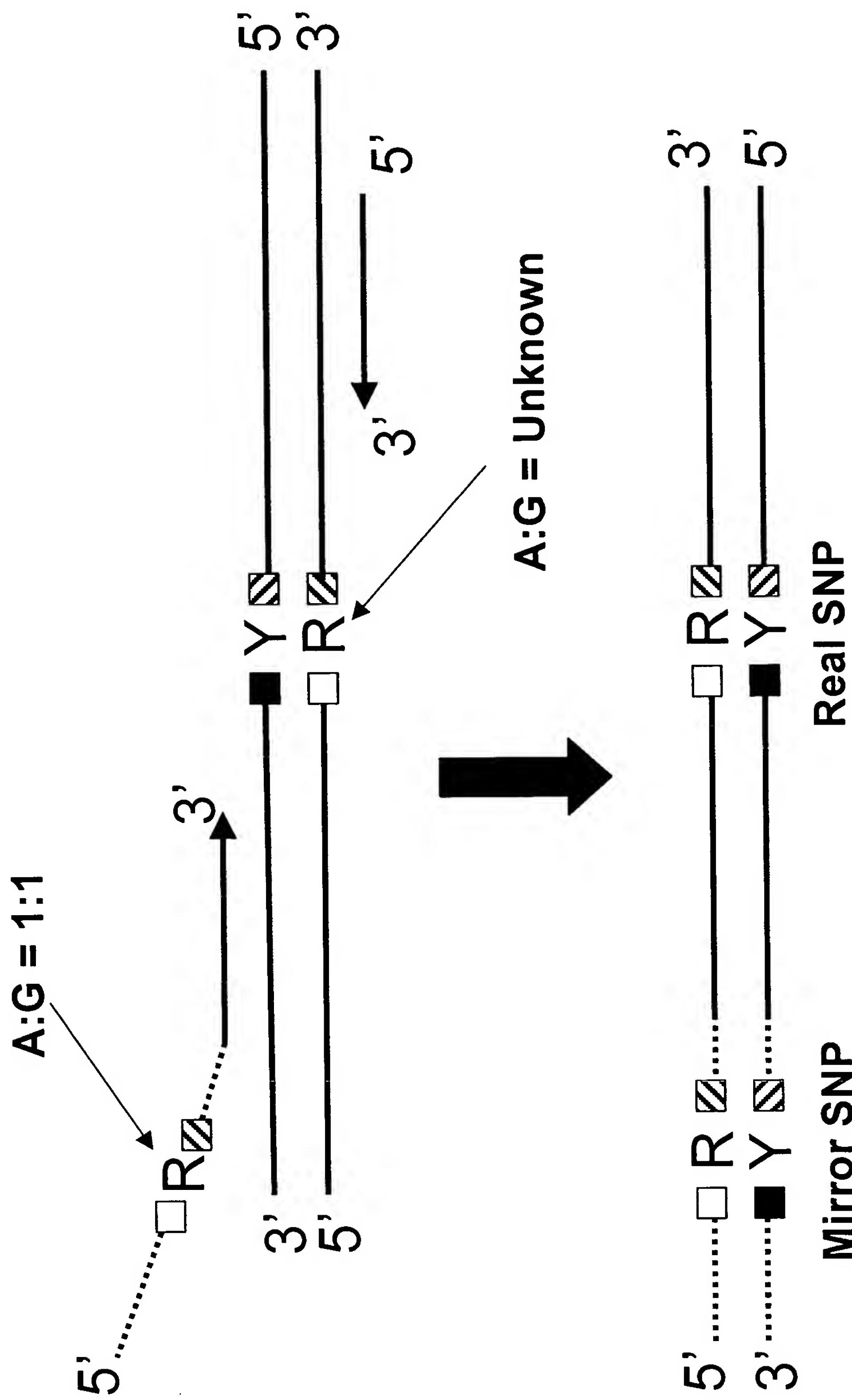
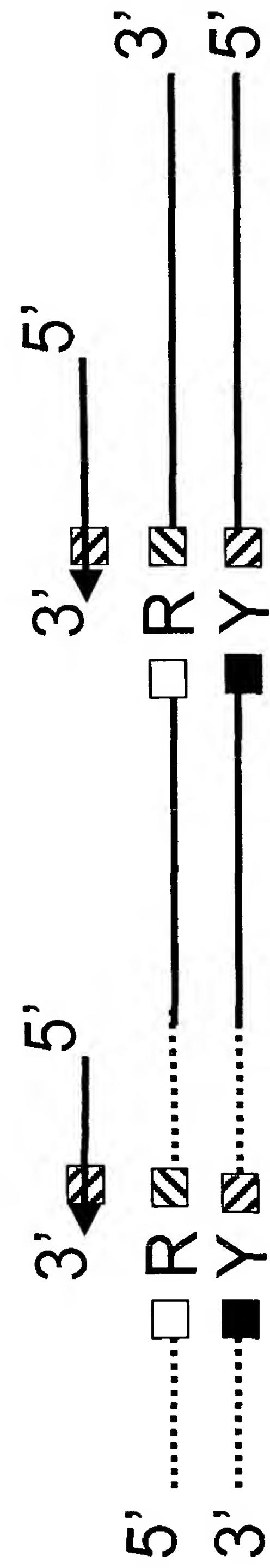


Figure 5

C/T SBE Reaction Primers



A/G SBE Reaction Primers

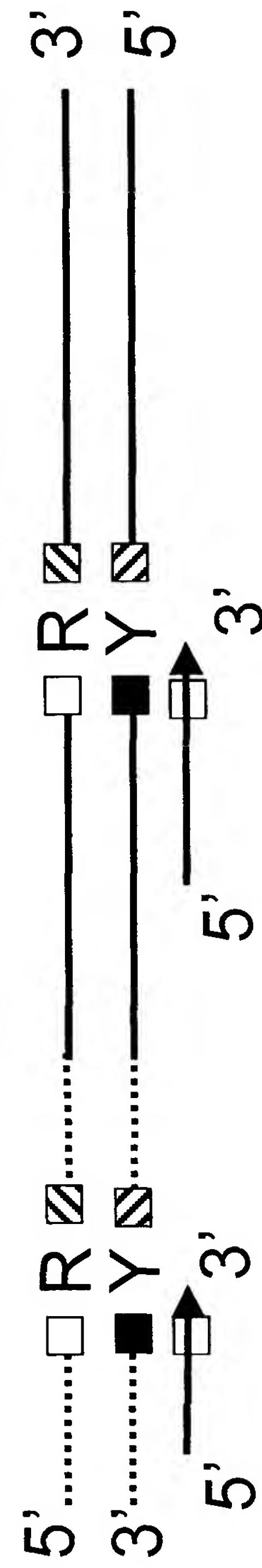


Figure 6

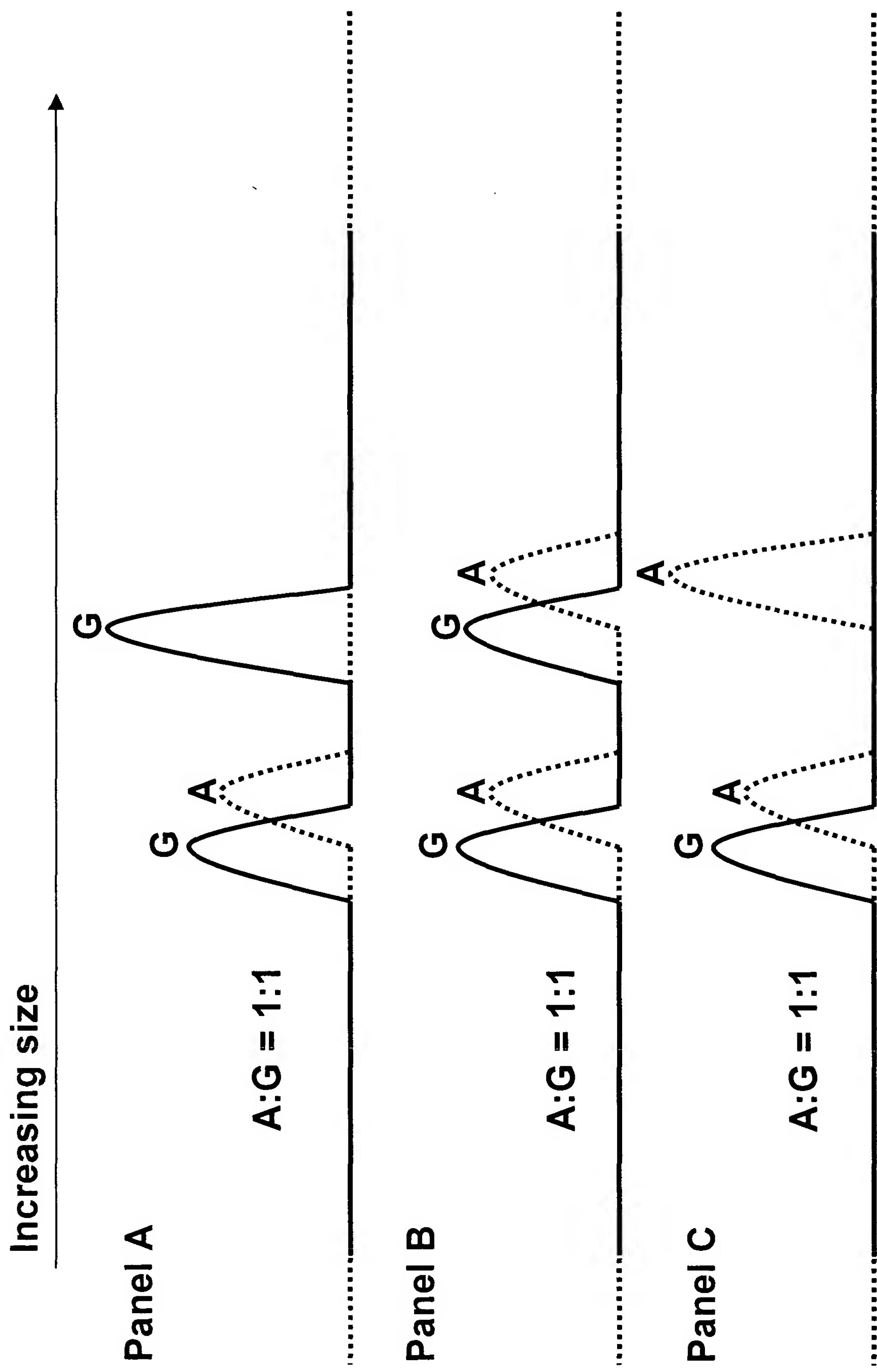


Figure 7

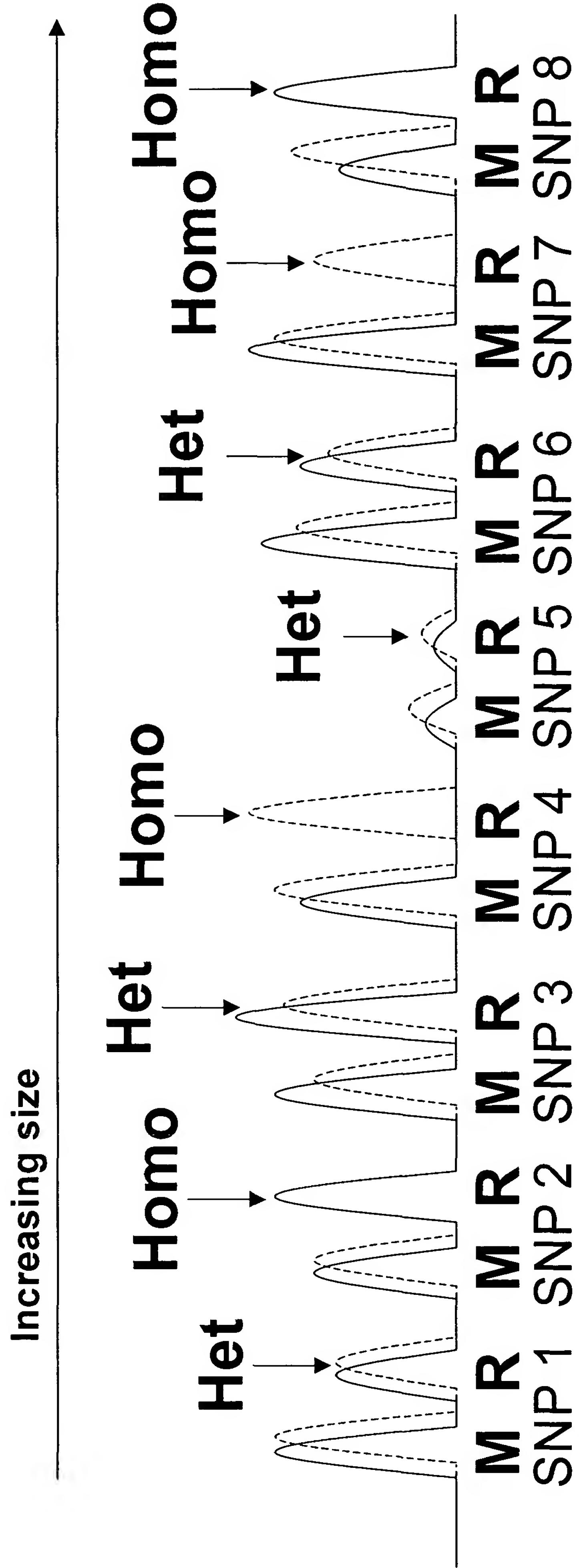


Figure 8

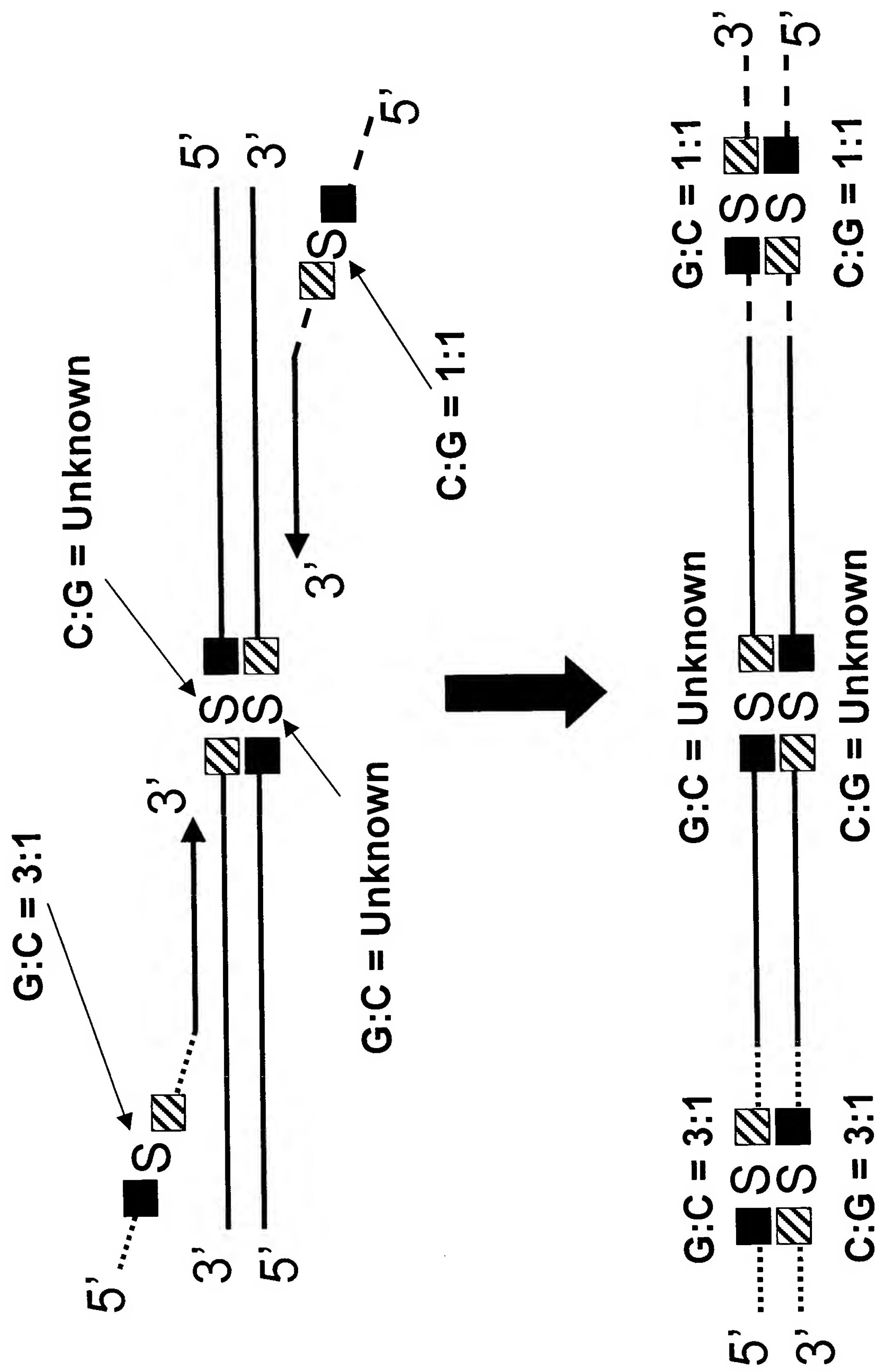


Figure 9

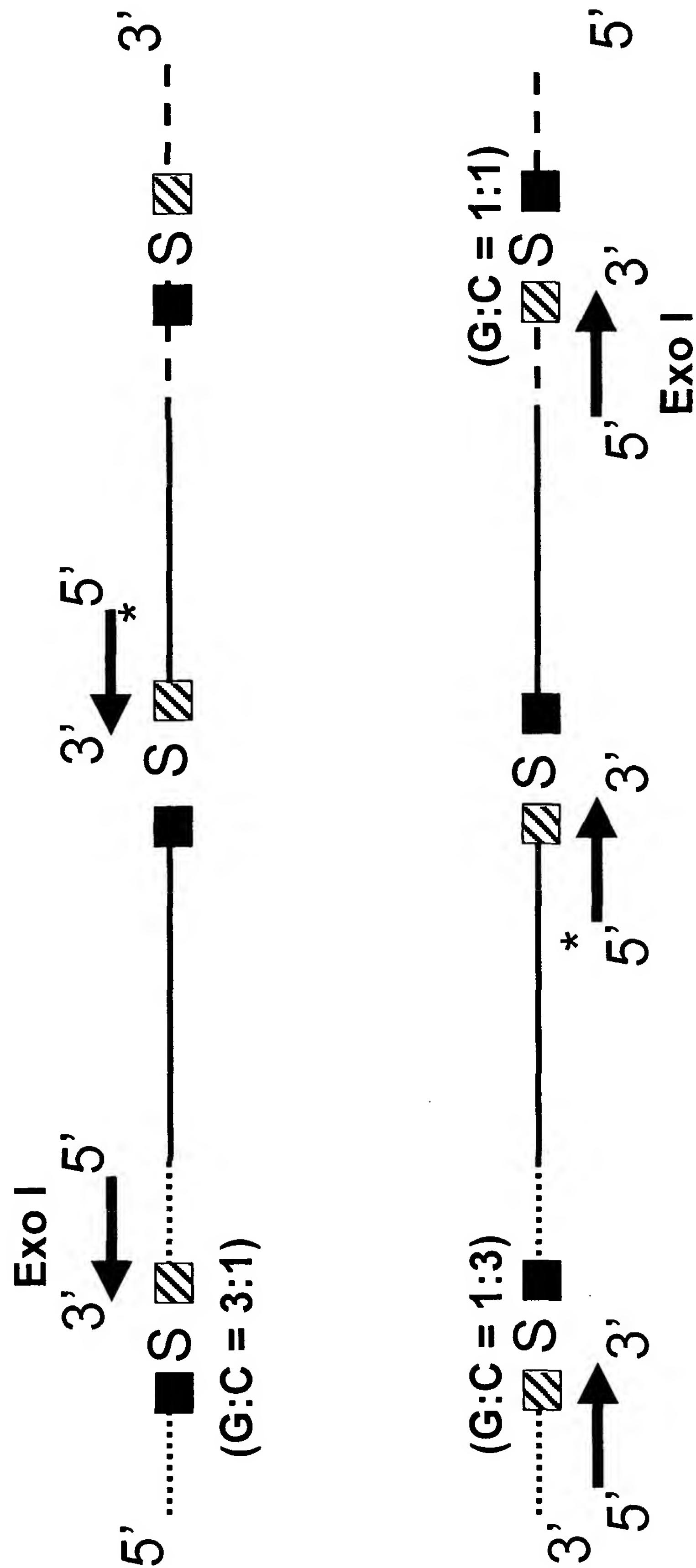


Figure 10

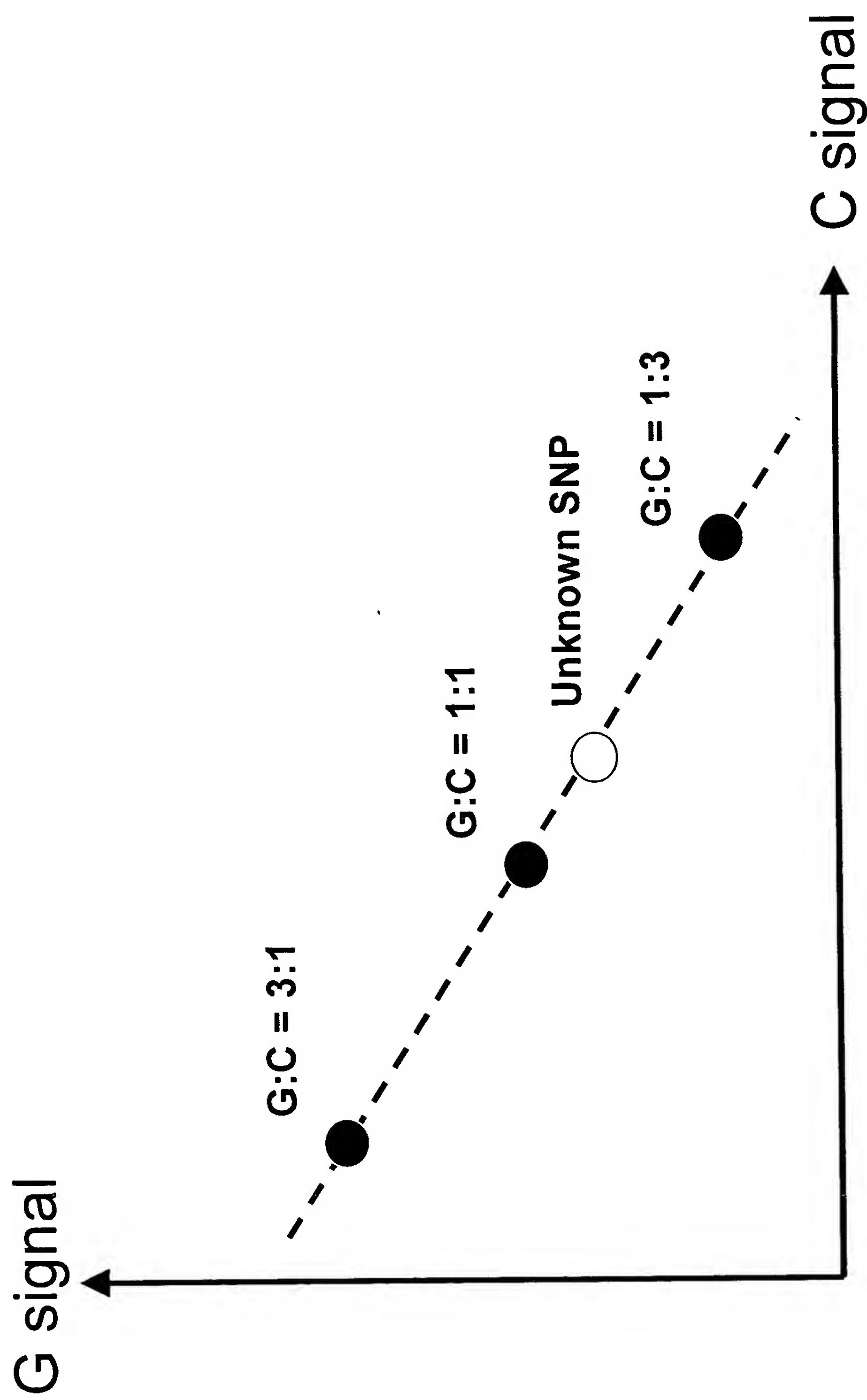


Figure 11

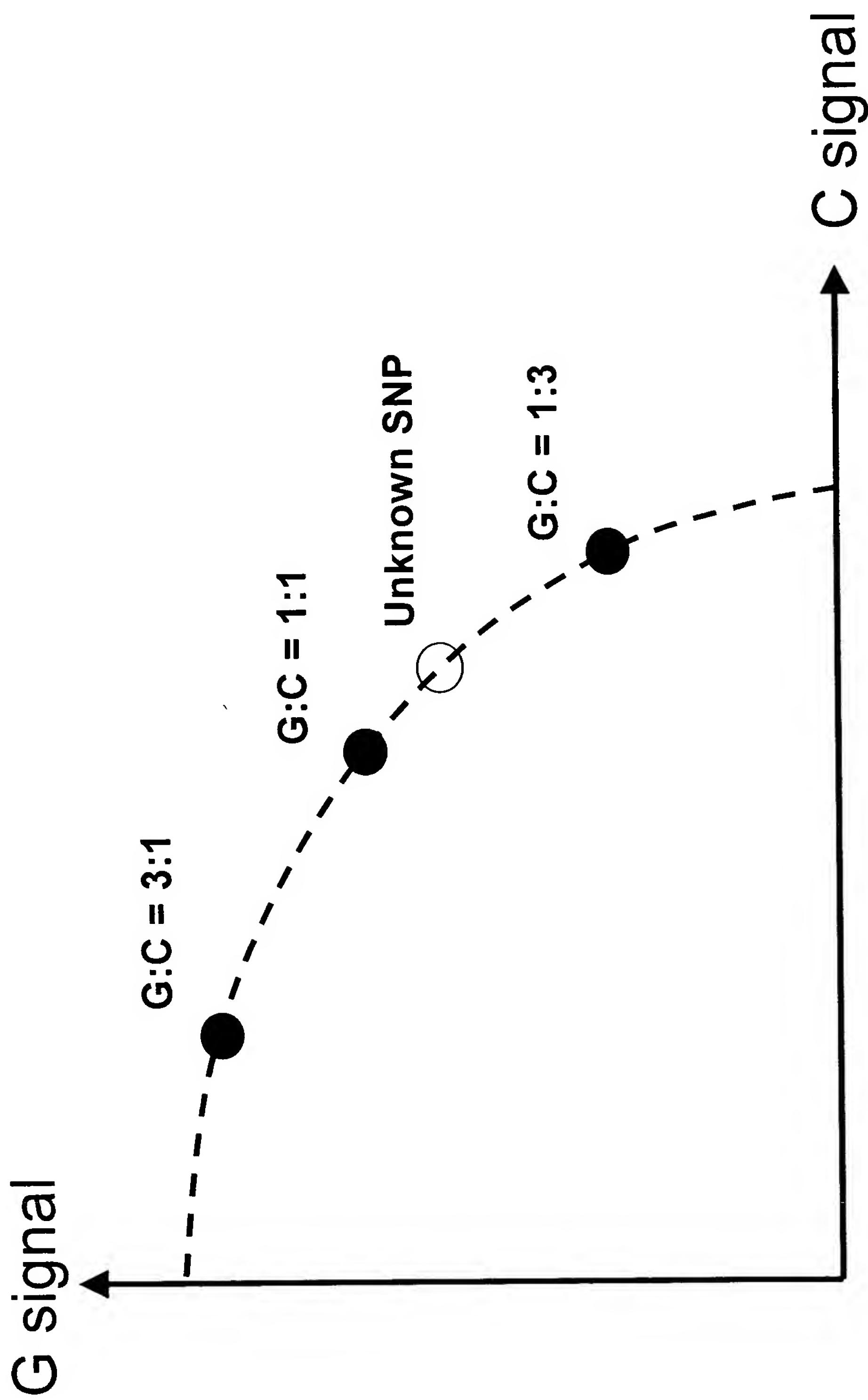


Figure 12

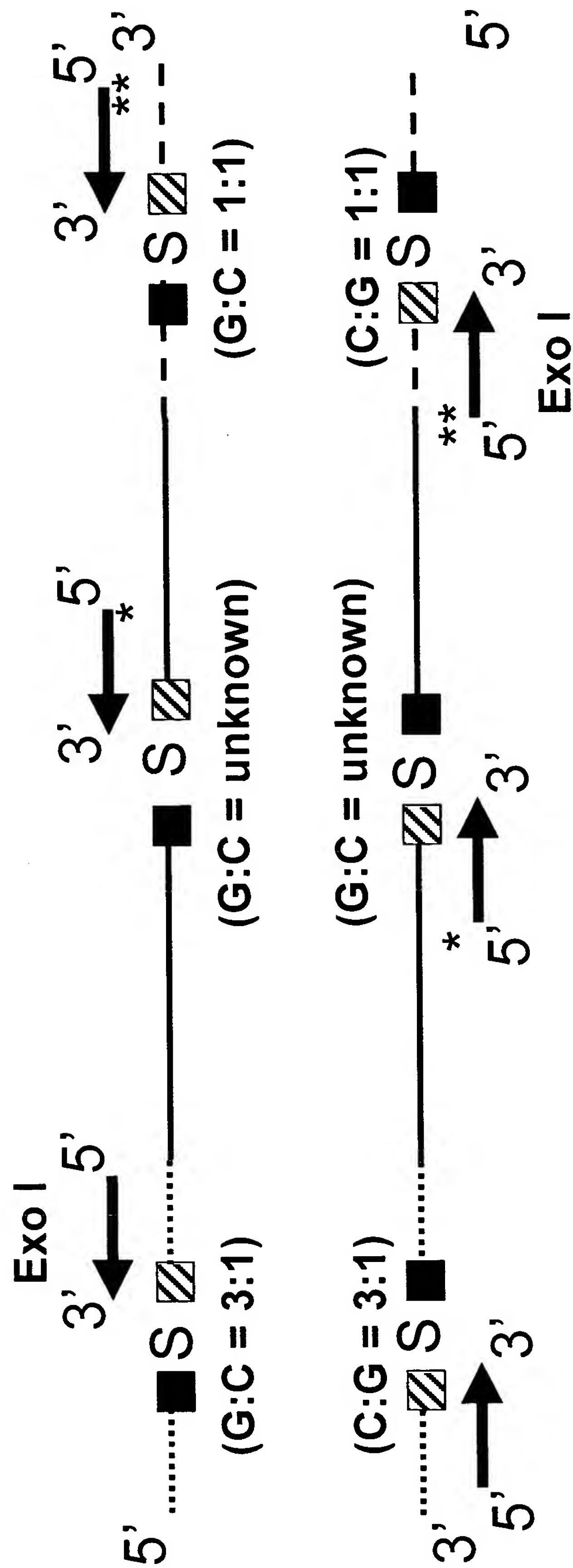


Figure 13

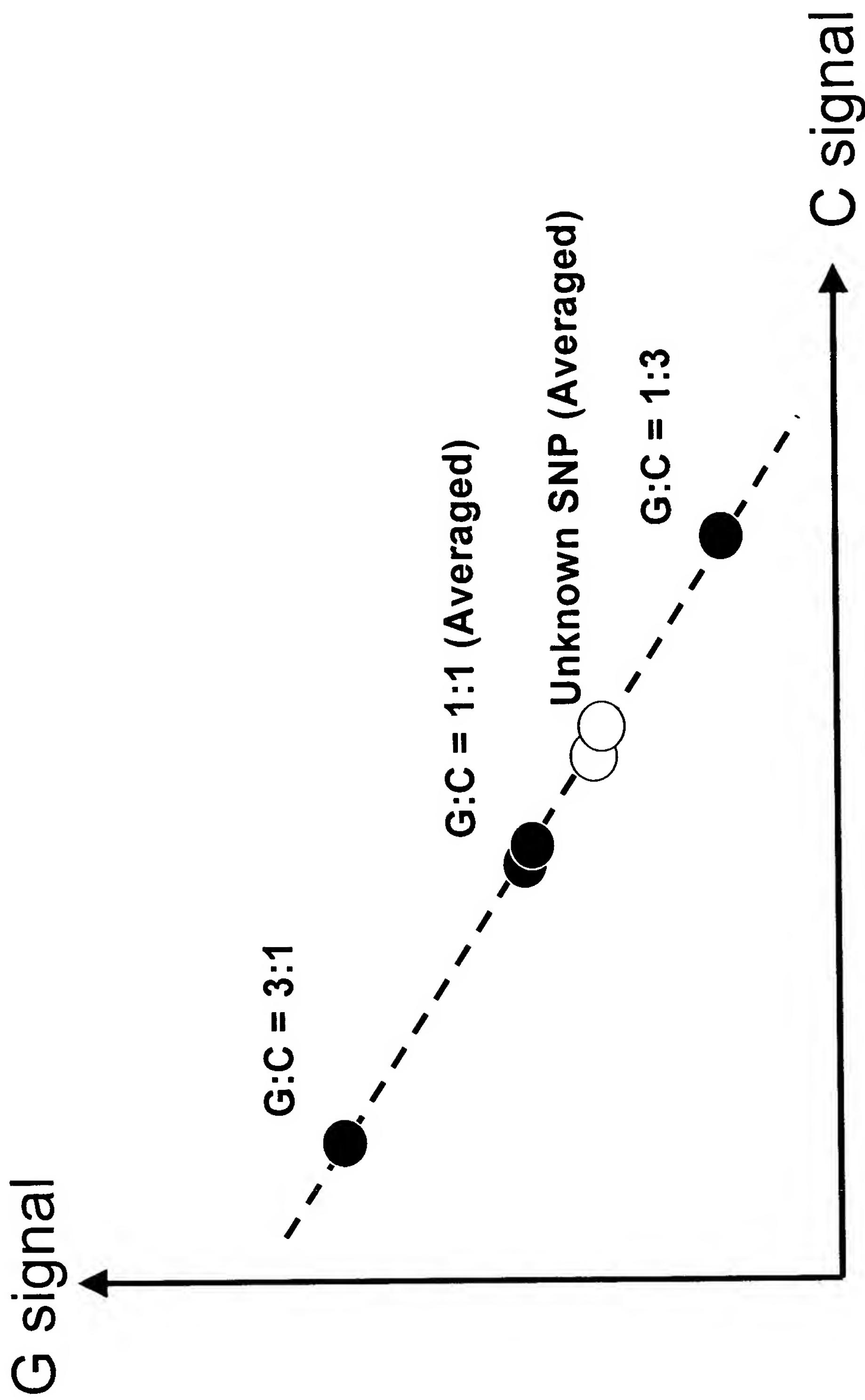


Figure 14

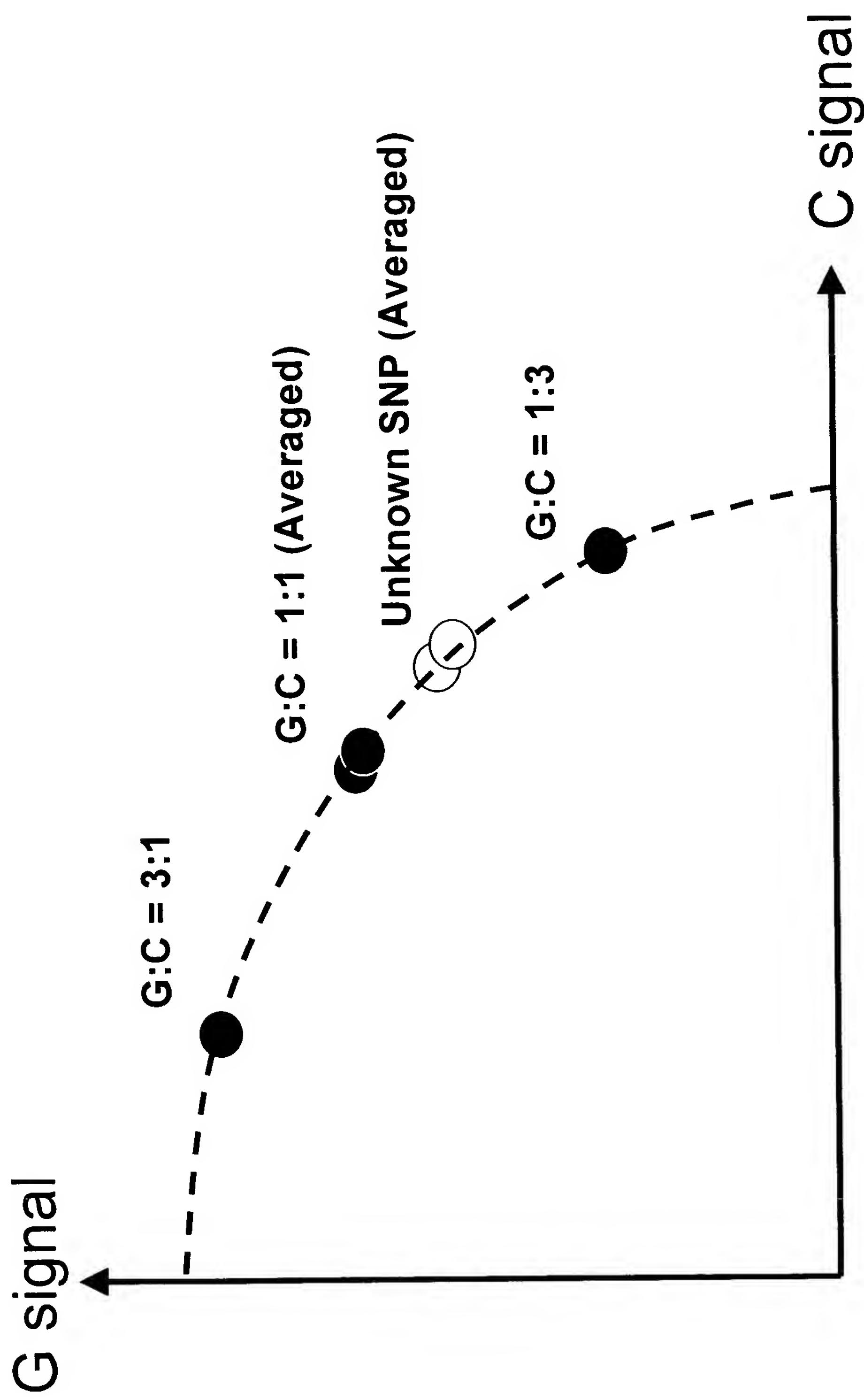


Figure 15

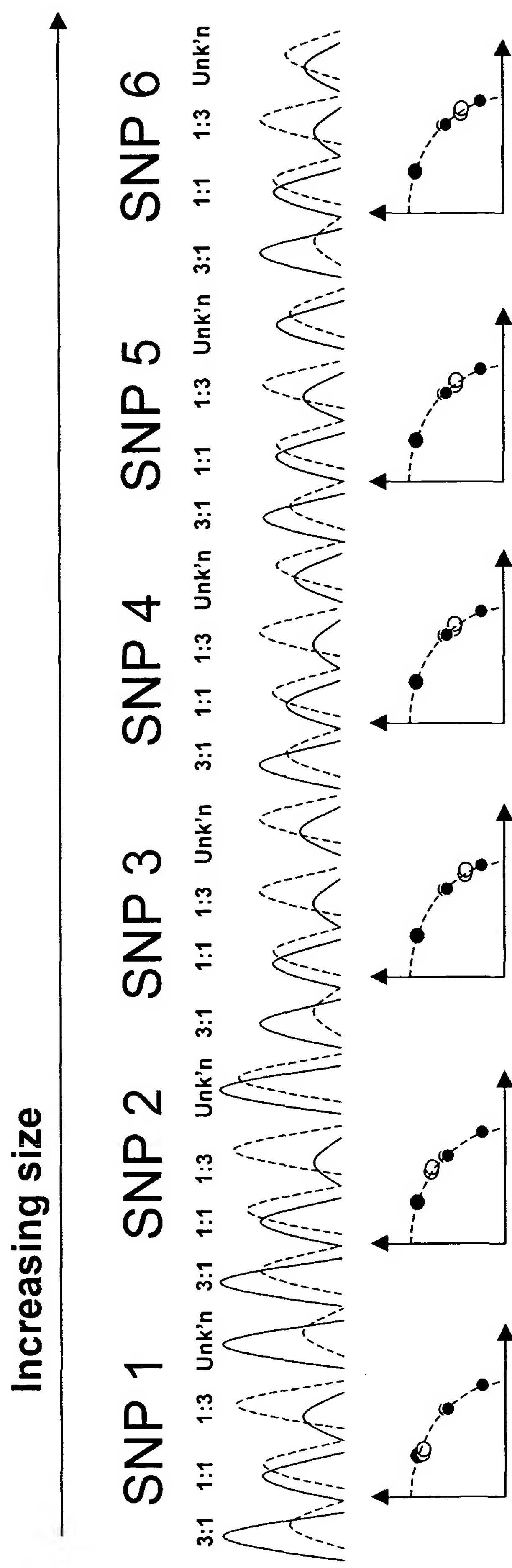


Figure 16

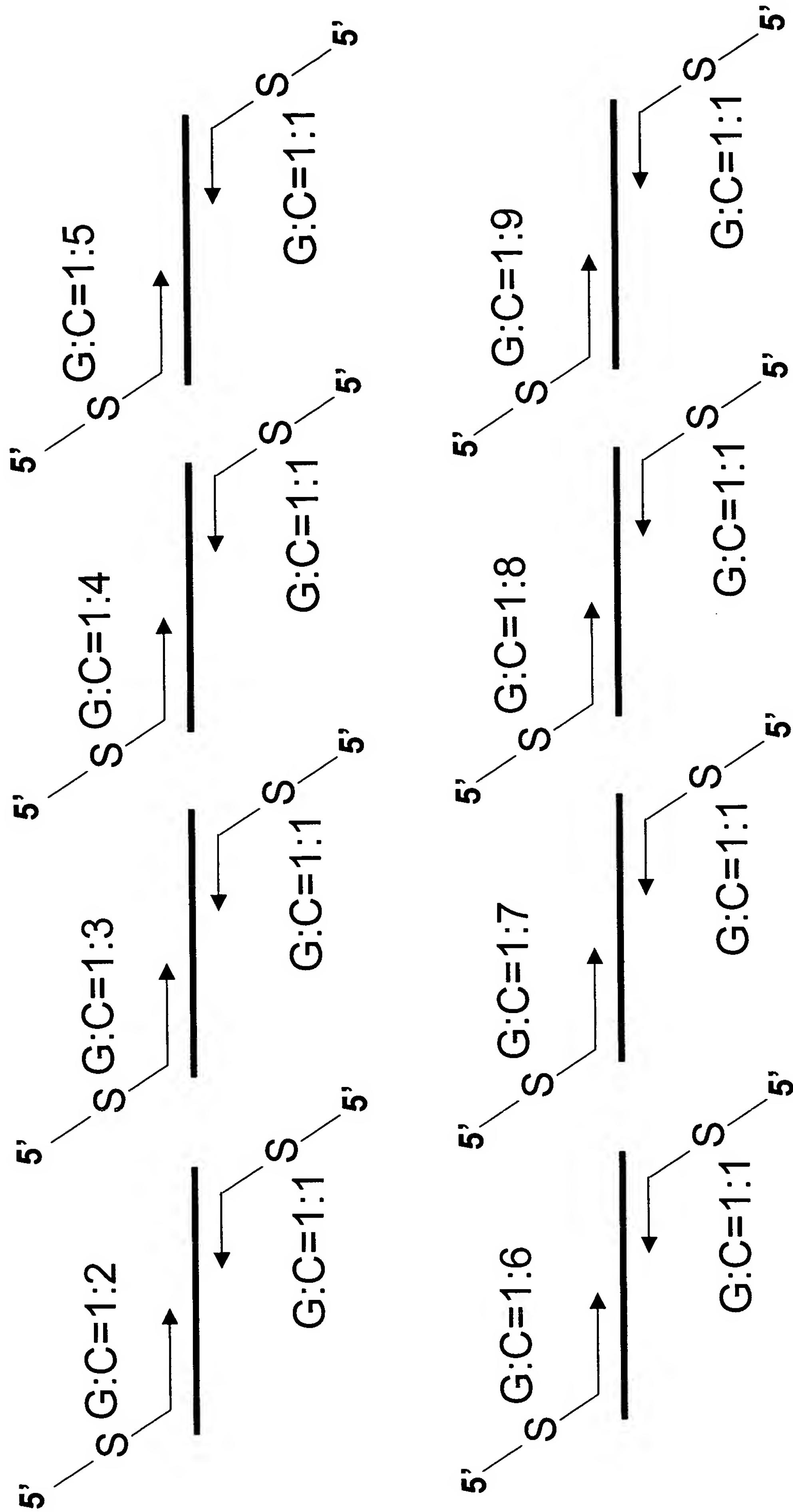


Figure 17

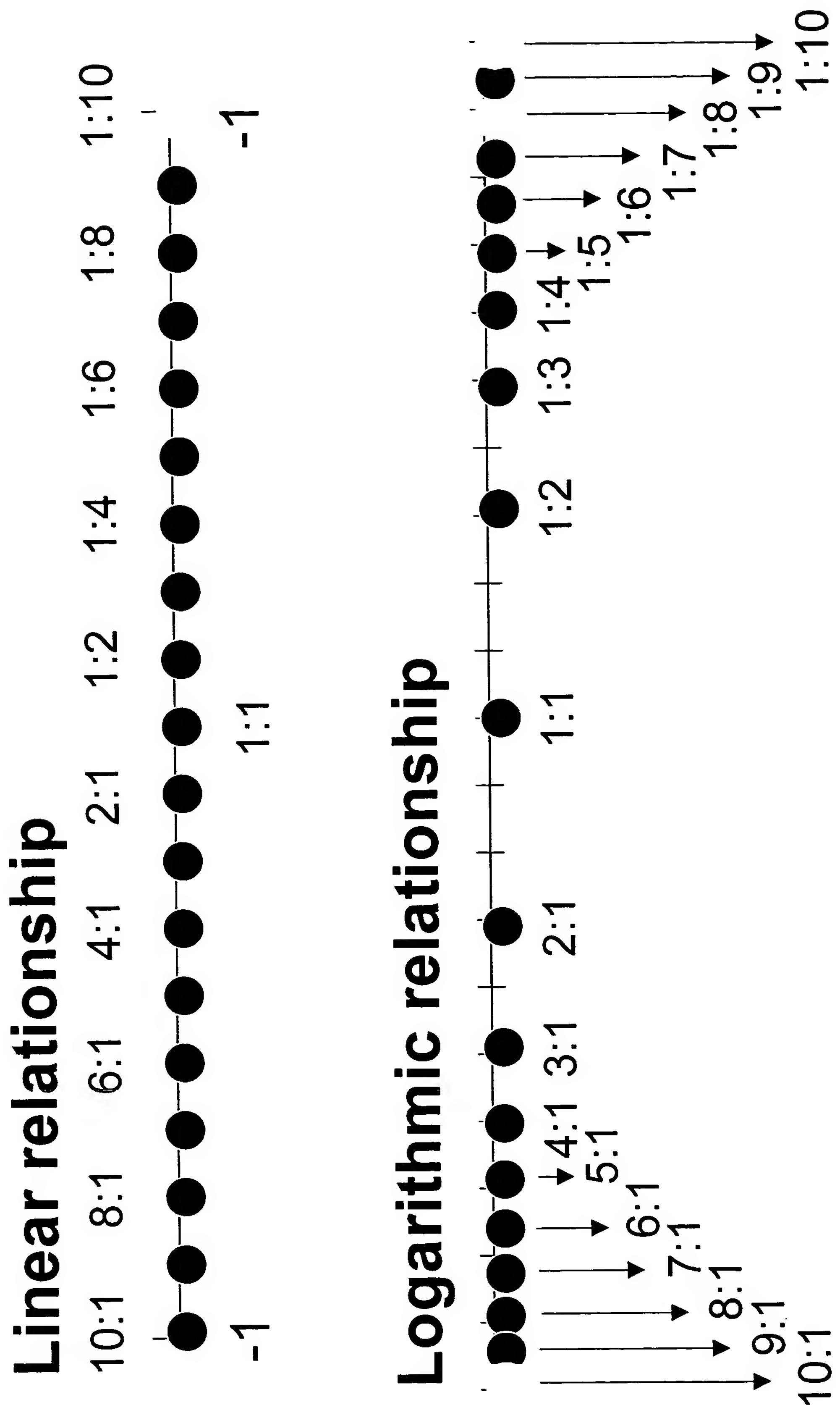


Figure 18

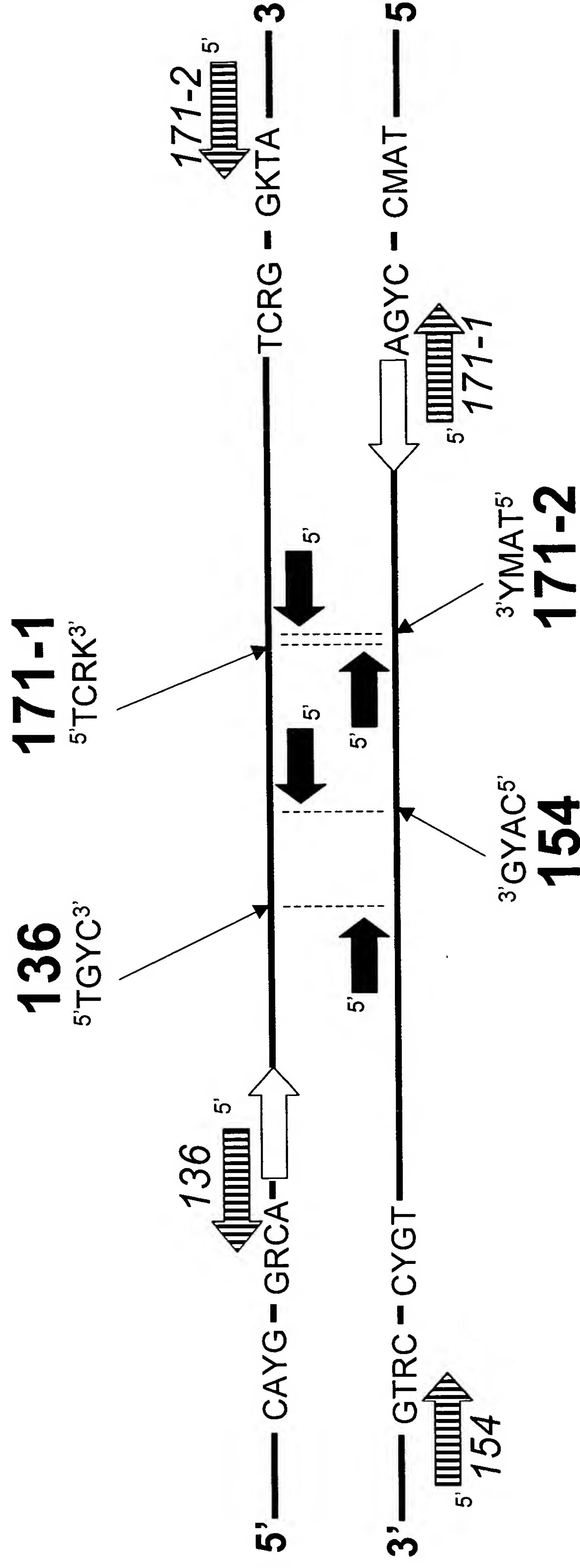


Figure 19

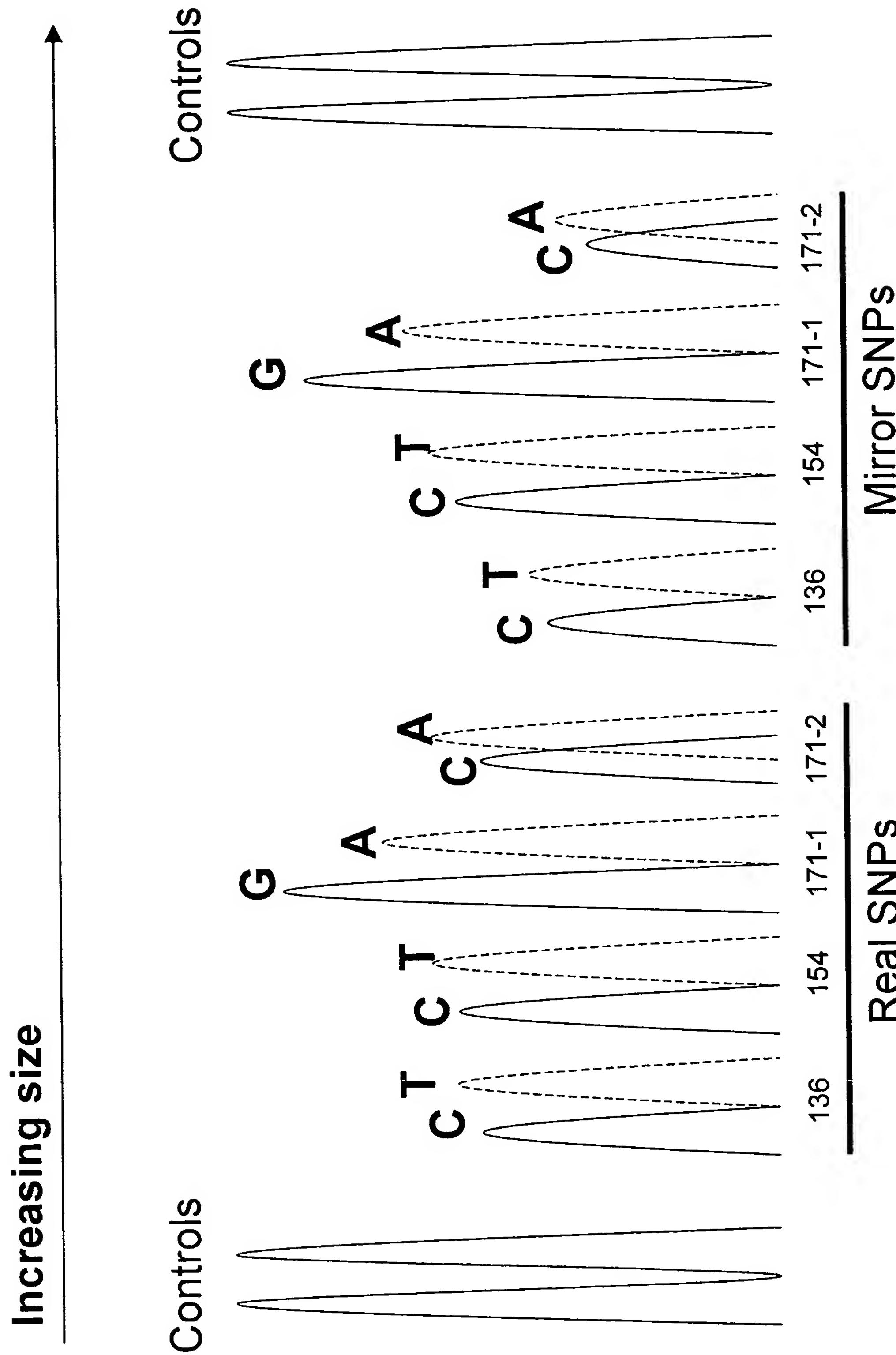


Figure 20

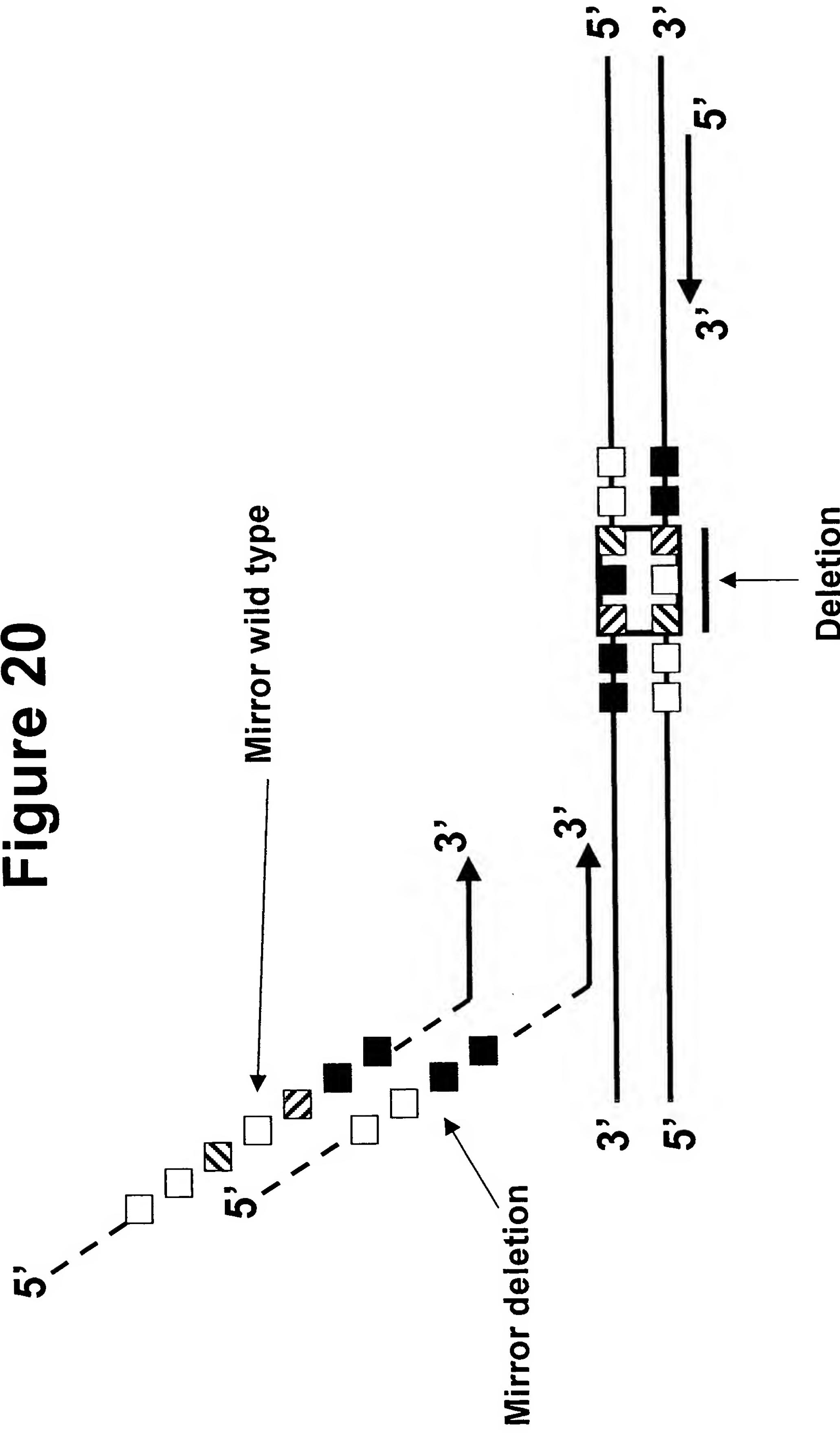


Figure 21

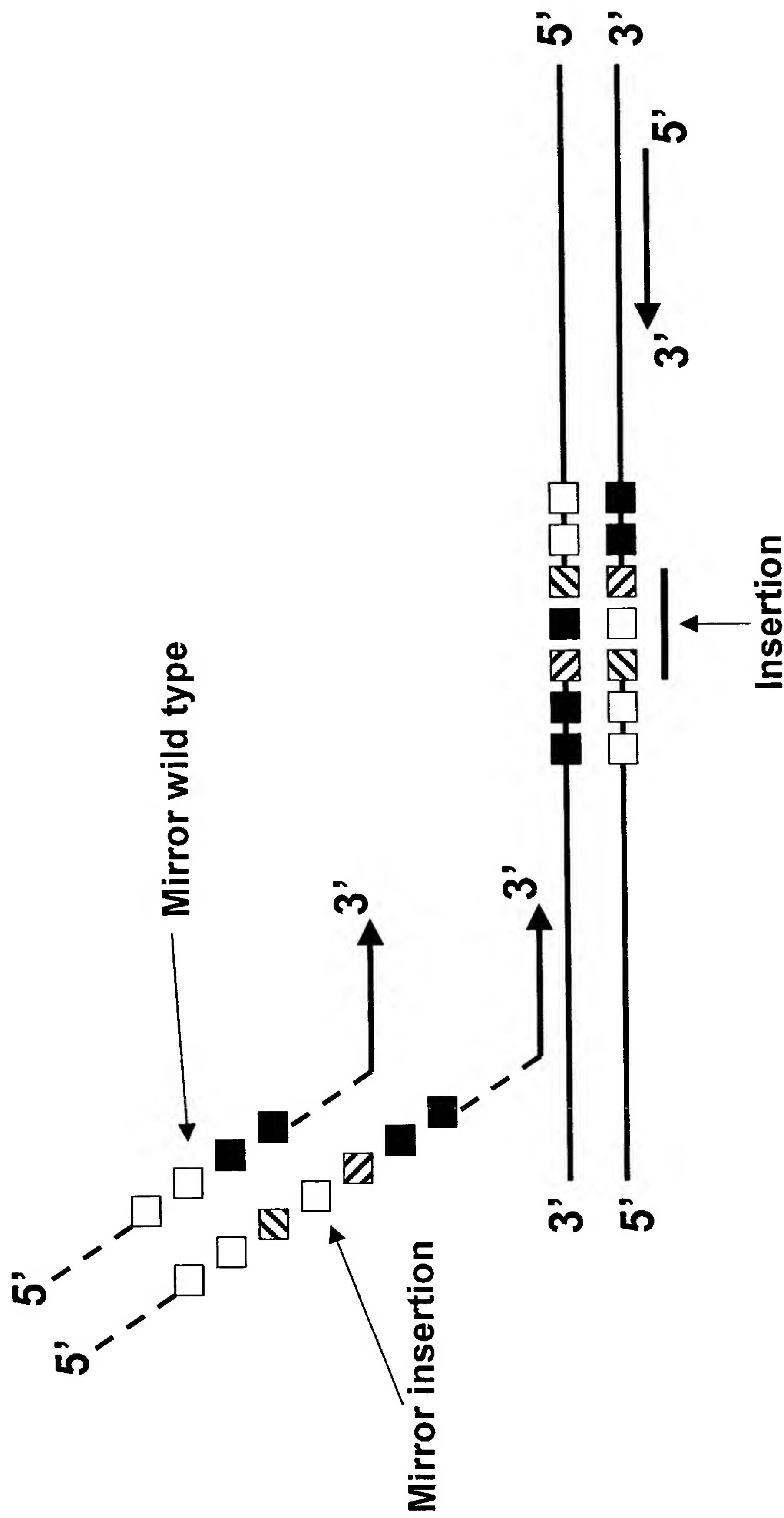


Figure 22

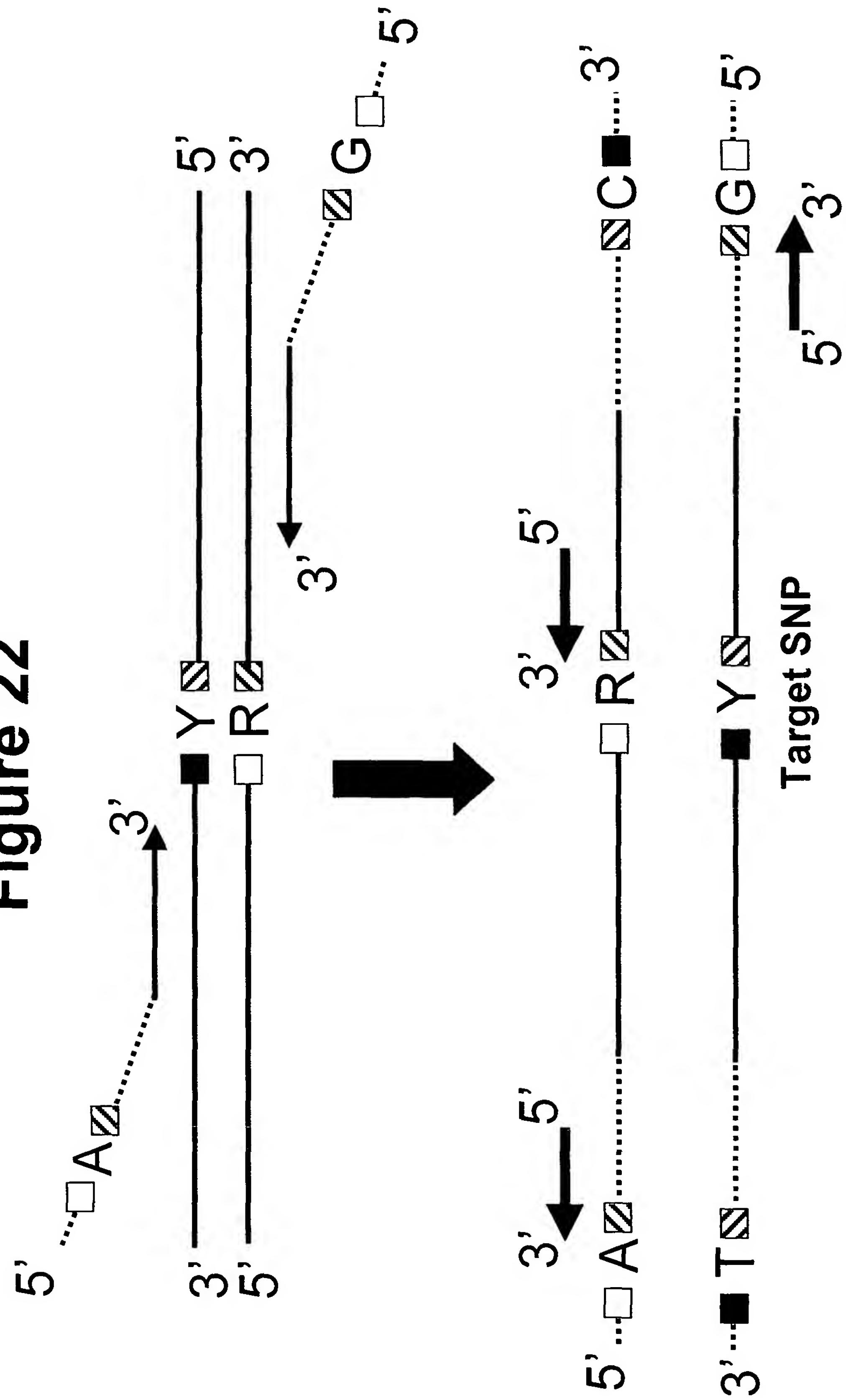


Figure 23

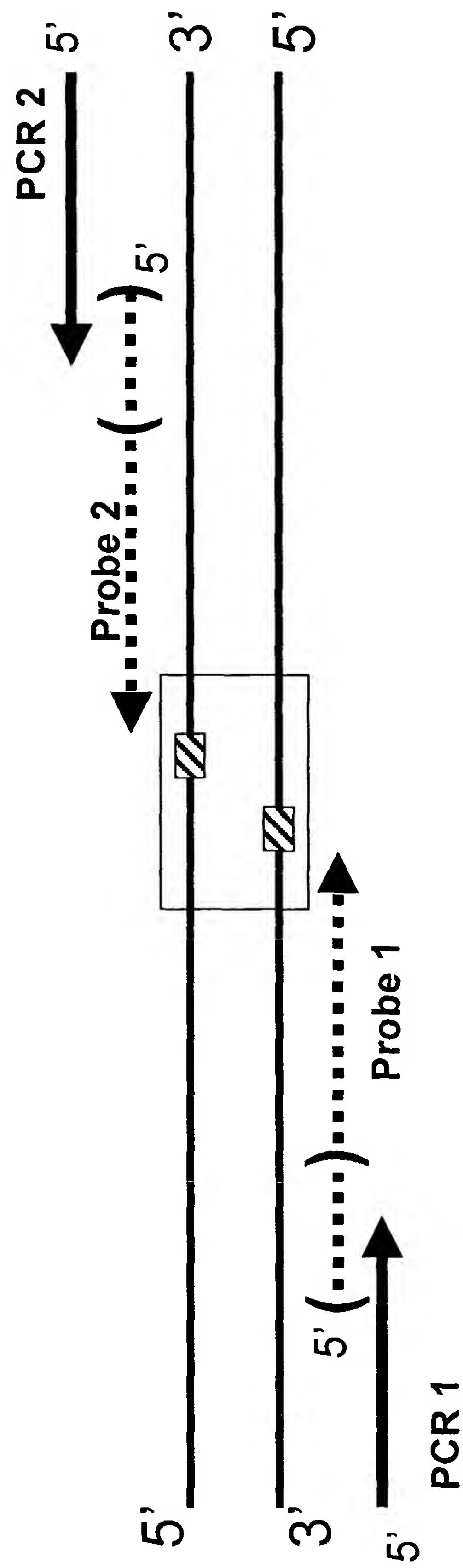


Figure 24



Figure 25

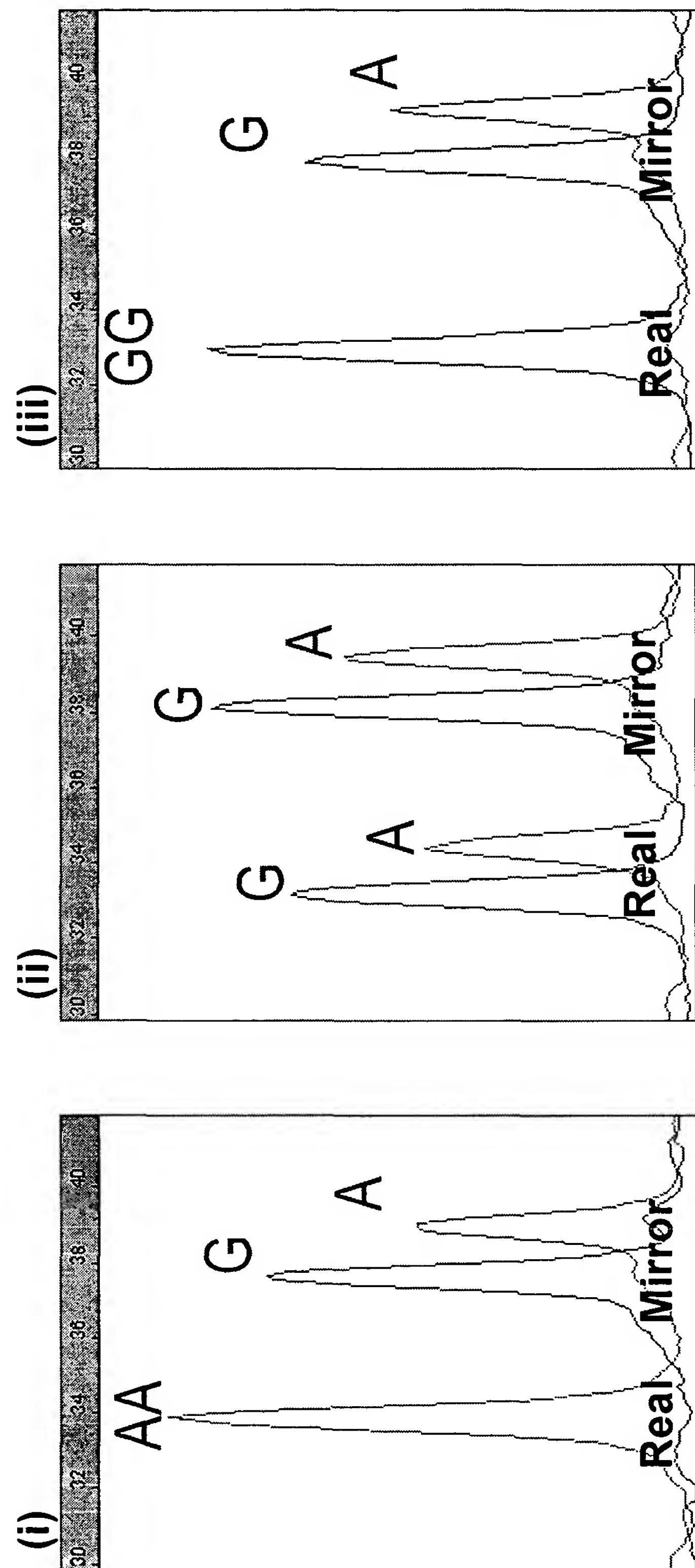


Figure 26

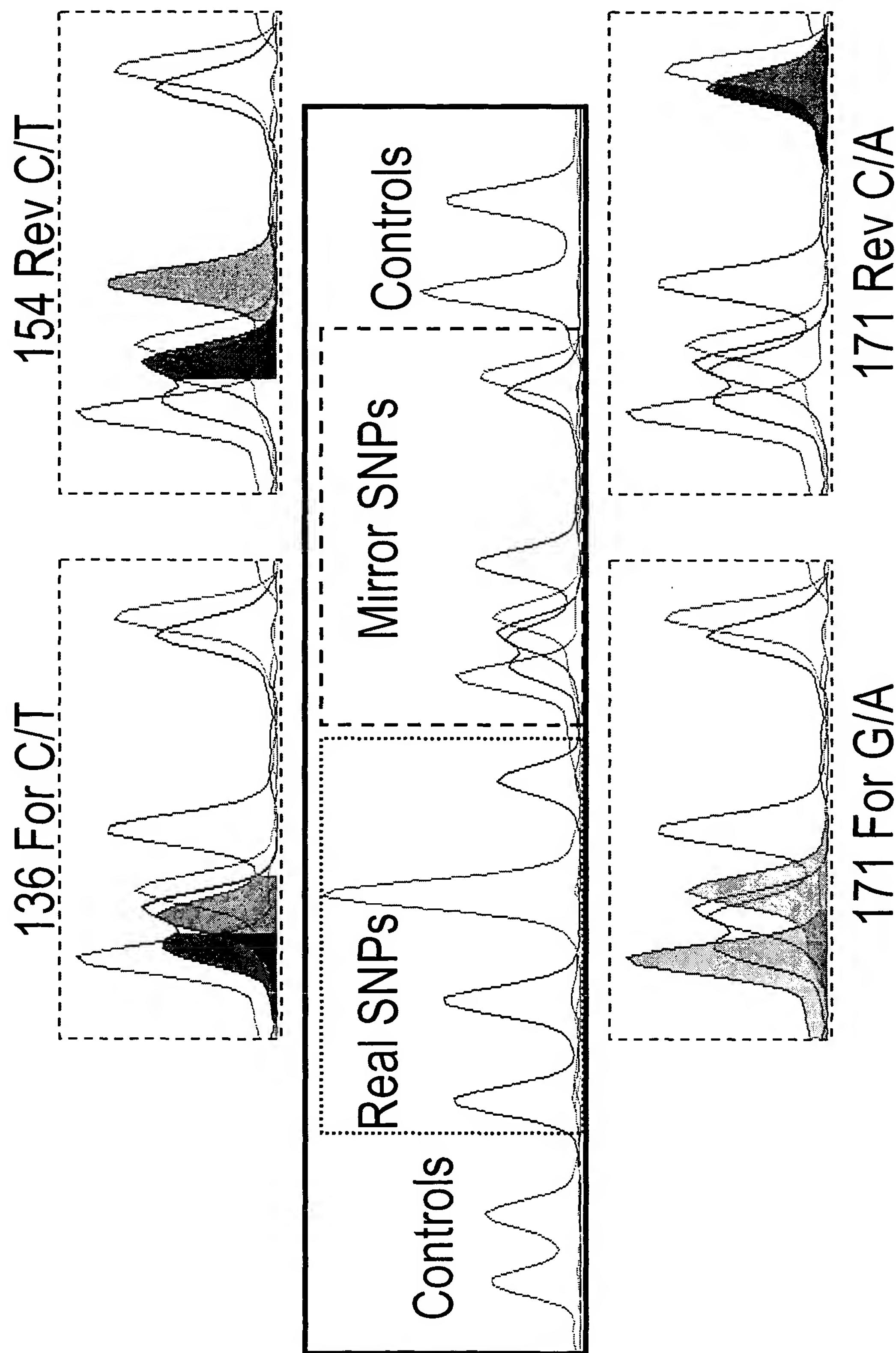


Figure 27

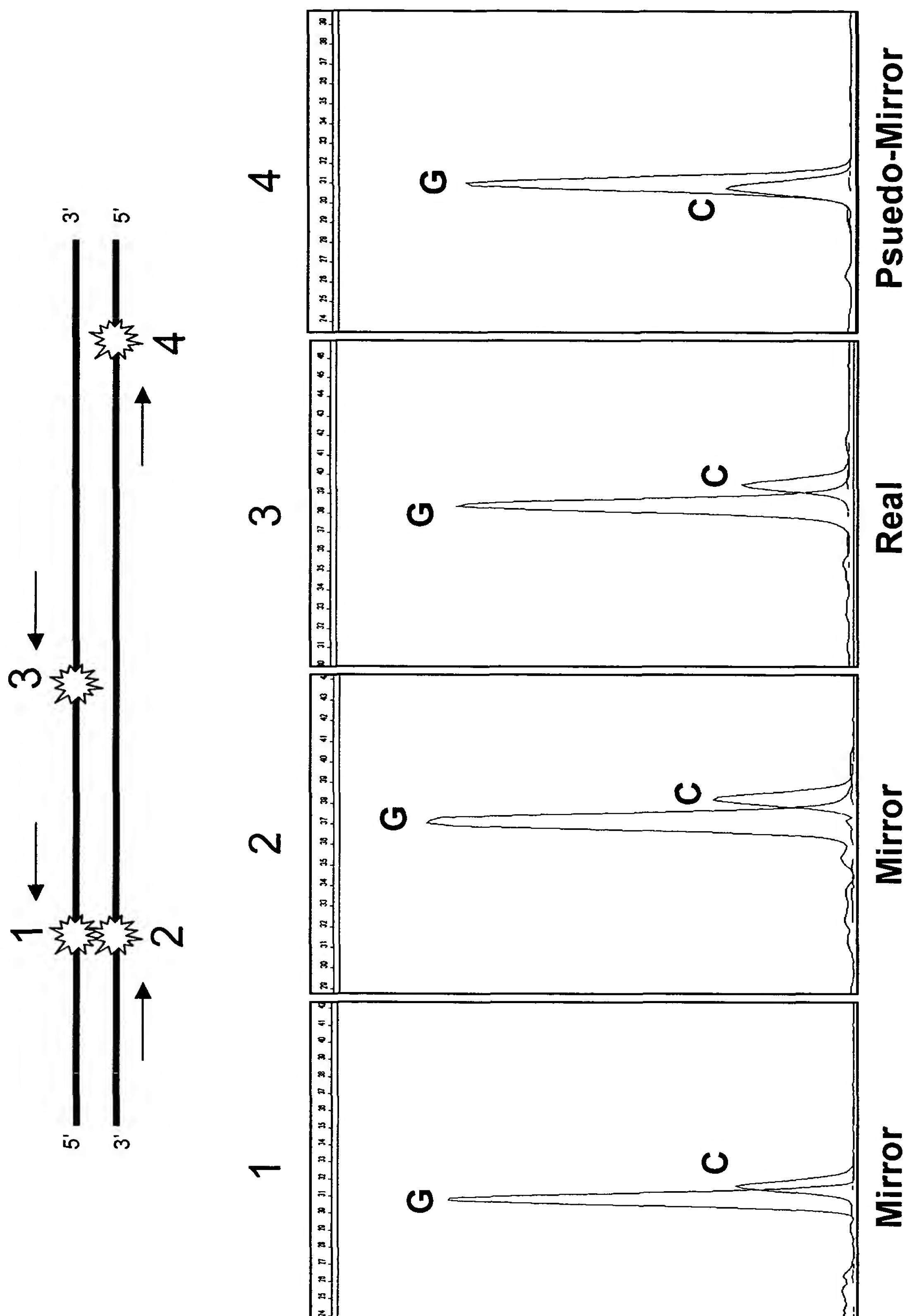


Figure 28

gtagccacag tcagtggAAC aagccCAGta agccAAAC caacatGAAG caatGGCAG
gagctgCTgc agctggAGCA gtggtaggg gcctggGG ctacatGCTG ggaagtGyCA
ttagcaggCC tcttatACAT ttggcaATG actatgAGGA CCgttACTAT CRtgAAACa
tgtaccgtTA ccccaACCAa gtgtactACA gaccAGtggA tCRKtATAGt aaccAGAAcA
actttgtgCA tgactgtgTC aacatCACAG tcaAGCAACa cacAGtCACC accACCAcCA
agg
(SEQ. ID NO. 43)

Figure 29

gtcagccca tggggggc tgggacagc cacatgggg tggggctgg ggt**caagg**tg

gttagccacag t**ca**ggtggAAC aaggccaggta aGCCAAAC caacatgaag catgtggcag
(t, ttt)

136
gagctgtgc agctggagca gtggtaggg gccttggg ctacatgtg ggaaatggcca (A)
t (V)

154
ttagcaggcc tcttatacat ttggcaatg actatggga ccgttactat cgtgaaaca (R)
(tttt, tttttt) a (H)

171
tgtaccgtta ccccaaccaa gtgtactaca gaccaggta tcggatagt aaccagaaca (R)
ag (Q)
at (H)

actttgtgca tgactgttc aacatcacag tcaagg**caaca** cacag**gtcacc** accaccacca

aggggagaa cttcaccgaa actgacatca agataatggaa gcgagggtgg gagcaaatgt
(SEQ. ID NO. 44)